## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY STANDARD ANNULAR PRESSURE TEST

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Operator OTL	ENERGY C	or.	State Permit No. 41604 V
Address 954 Business Park DC, Suites USEPA Permit No. MI-137-2D-0050			
TRAVERSE City, MI. 49686 Date of Test 9-16-13			
Well Name Andrilla D4-7 Well Type II-D			
LOCATION INFORMATION SE Quarter of the SE Quarter			
of Section; Range \ \ \ \ ; Township \ \ \ \ ; County \ \ \ \ \ \ \ ;			
Company Representative 1 Plucharet; Field Inspector Ken Coppock II VV;			
Type of Pressure Gauge 31/2 inch face; 1000 psi full scale; 10 psi increments;			
New Gauge? Yes 🛚	No □ If no, date of	calibration	Calibration certification submitted? Yes ⊠ No □
TEST RESULTS Readings must be taken at least every 10 minutes for a			5-year or annual test on time? Yes No □
minimum of 30 minutes for Class II, III and V wells and 60			2-year test for TA'd wells on time? Yes □ No □
minutes for Class I wells.  After rework? Yes \( \text{No} \)			After rework? Yes □ No □
For Class II wells, annulus pressue should be at least 300 psig. For Class I wells, annulus pressure should be the			Newly permitted well? Yes □ No □
greater of 300 psig or 100 psi above maximum permitted			
injection pressure.			
Original chart recordings must be submitted with this form.			
Pressure (in psig)			
Time	Annulus	Tubing	Casing size 5 1/2
9:03 AM	<u>350                                    </u>	-5	Tubing size $\frac{Z}{\sqrt{8'}}$
9:08 AM	<u>350</u>	<u>-5</u>	Packer type AD-1 Tension Packer set @ 2338 FeeT
9:13 AM 9:18 AM	<u>350</u> 350	<u> </u>	Packer set @ 2338 FeeT Top of Permitted Injection Zone 2359 FeeT
9:23 AM	350	~ 5	Is packer 100 ft or less above top of
9:28 Am	350	-5	Injection Zone ? Yes ☒ No □
9:33 = AM		-5 -5	If not, please submit a justification.
9:38 AM	<u>350</u> 350	-5	Fluid return (gal.) 2 1/2
			Comments:
Test Pressures: Max. Allowable Pressure Change: Initial test pressure x 0.03 psi  Test Period Pressure change psi			
Test Passed 🔀	Test Failed □		
7 Test Lassen 12 Test Lanen 11			
If failed test, well must be shut in, no injection can occur, and USEPA must be contacted within 24 hours. Corrective action needs to occur, the well retested, and written authorization received before injection can recommence.			
I certify under penalty of law that this document and all attachments are, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (See 40 CFR 144.32(d))			

Ted Kucharele
Printed Name of Company Representative
Signature of Company Representative